

03050109-110
(Huff Creek)

General Description

Watershed 03050109-110 is located in Greenville County and consists primarily of *Huff Creek* and its tributaries. The watershed occupies 22,837 acres of South Carolina's Piedmont region. The predominant soil types consist of an association of the Madison-Davidson-Cecil-Pacolet series. The erodibility of the soil (K) averages 0.26; the slope of the terrain averages 15%, with a range of 2-40%. Land use/land cover in the watershed includes: 8.08% urban land, 33.88% agricultural land, 6.24% scrub/shrub land, 2.34% barren land, 48.77% forested land, and 0.69% water.

Huff Creek accepts the drainage of Baker Creek and Little Creek before flowing into the Reedy River at the Town of Fork Shoals. There are a total of 36.5 stream miles in this watershed, all classified FW. Trollingwood Lake (32 acres), located on Baker Creek, is used for recreational purposes. There are also several small lakes (19-37 acres) in the watershed used for flood control.

Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
S-134	W	FW	HUFF CREEK AT S-23-331
S-178	S	FW	HUFF CREEK AT SC 418, 1.6 MI NW FORK SHOALS

Huff Creek - There are two SCDHEC monitoring sites along Huff Creek, which was Class B until April, 1992. Aquatic life uses are partially supported at the upstream site (S-863) based on macroinvertebrate community data. At the downstream site (S-178), aquatic life uses are fully supported, and significant decreasing trends in five-day biochemical oxygen demand and total phosphorus concentrations suggest improving conditions for these parameters. Recreational uses are not supported due to fecal coliform bacteria excursions.

Permitted Activities

Point Source Contributions

<i>RECEIVING STREAM</i>	<i>NPDES#</i>
<i>FACILITY NAME</i>	<i>TYPE</i>
<i>PERMITTED FLOW @ PIPE (MGD)</i>	<i>LIMITATION</i>
<i>COMMENT</i>	
HUFF CREEK	SCG250091
CROWN METRO INC.	MINOR INDUSTRIAL
PIPE #: 001 FLOW: 0.16	WATER QUALITY
WQL FOR NH3-N, DO, TRC, BOD5; COOLING WATER	
HUFF CREEK	SC0023973
WCRSA/IDLEWILD TRUST	MINOR MUNICIPAL
PIPE #: 001 FLOW: 0.070	WATER QUALITY
WQL FOR NH3-N, TRC	
BAKER CREEK	SC0026611
TROLLINGWOOD WWTP/CAROLINA WATER	MINOR DOMESTIC
PIPE #: 001 FLOW: 0.02	WATER QUALITY
WQL FOR TRC	
PROPOSED EXPANSION TO 0.1 MGD	

BAKER CREEK
CANTERBURY SD/CAROLINA WATER
PIPE #: 001 FLOW: 0.08
WQL FOR NH3-N, DO, TRC

SC0028941
MINOR DOMESTIC
WATER QUALITY

Groundwater Concerns

The groundwater in the vicinity of the surface impoundments owned by Crown Metro Inc. is contaminated with volatile organics. The facility is currently in the remediation phase. The surface water affected by the groundwater contamination is an unnamed tributary to Huff Creek.

Growth Potential

There is generally a low potential for development in this watershed. There are some industrial sites and land used for agricultural purposes. US 25 to the City of Greenville runs along the western edge of the watershed. Greenville County's zoning boundary will extend southward to SC 418 and should promote medium density development.